Index of Claims

| Application/Control | No. |
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09/896,324

Examiner

LI ET AL.

Applicant(s)/Patent under Reexamination

Suryaprabha Chunduru

1637

| √ | Rejected |
|---|----------|
| = | Allowed  |

- (Through numeral) Cancelled

Restricted

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A Appeal
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| Cla        | aim         | 1        |          |                                                  |                                                  | Date            |          |          |          | ]      | Clá         | aim      |                 |             | Da       | te                                |                  |                 | С        | laim     |                                                  |          |                                                  | Date                                             | 9               |               |          |           |
|------------|-------------|----------|----------|--------------------------------------------------|--------------------------------------------------|-----------------|----------|----------|----------|--------|-------------|----------|-----------------|-------------|----------|-----------------------------------|------------------|-----------------|----------|----------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|-----------------|---------------|----------|-----------|
|            | <del></del> | ۲        | 3        | _                                                |                                                  |                 | Т        | T        |          |        |             | <u>e</u> |                 | [           |          | $\begin{bmatrix} 1 \end{bmatrix}$ |                  |                 |          | <u></u>  |                                                  |          |                                                  |                                                  |                 |               |          |           |
| Final      | Original    |          | *        |                                                  |                                                  | ΙI              | -        |          |          |        | Finat       | Original |                 |             |          |                                   |                  |                 | Final    | Original |                                                  |          |                                                  |                                                  |                 | -             | - 1      |           |
| 這          | <u>`</u> E' |          |          | l                                                |                                                  |                 |          | -        | l        |        | iĒ          | , ji     |                 |             |          |                                   |                  |                 | ίΞ       | l Ë      |                                                  |          |                                                  |                                                  |                 | - 1           |          |           |
|            | ٦           | 10       | 1        |                                                  |                                                  |                 | - 1      |          |          |        |             | l        |                 |             |          |                                   |                  |                 |          |          |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 1           | 7        | ī        | Γ                                                |                                                  |                 |          |          |          | ]      |             | 51       |                 |             |          |                                   |                  |                 |          | 101      |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 2           |          | V        |                                                  |                                                  | П               | $\sqcap$ |          |          | ]      |             | 52       |                 |             |          | П                                 |                  | 7               |          | 102      |                                                  |          | Τ.                                               |                                                  |                 |               |          |           |
|            | 3           |          |          |                                                  |                                                  | П               | $\neg$   |          |          | ]      |             | 53       |                 |             |          |                                   |                  |                 |          | 103      |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 4           |          | $\Gamma$ |                                                  |                                                  | П               | П        |          |          | 1      |             | 54       |                 |             |          |                                   |                  |                 |          | 104      |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 5           | П        | Т        |                                                  | П                                                |                 | П        |          |          |        |             | 55       |                 | П           |          | П                                 |                  |                 |          | 105      |                                                  |          | T                                                |                                                  |                 |               | T        |           |
|            | 6           | П        | Τ        |                                                  | П                                                | П               | $\neg$   | $\neg$   |          |        |             | 56       |                 |             |          |                                   |                  |                 |          | 106      |                                                  |          |                                                  |                                                  |                 |               | П        |           |
|            | 7           | П        | ,        |                                                  |                                                  | П               | $\neg$   |          |          |        |             | 57       |                 | П           |          |                                   |                  |                 |          | 107      |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 8           | 4        | Т        |                                                  |                                                  |                 |          |          |          |        |             | 58       |                 | П           |          | П                                 |                  |                 |          | 108      |                                                  |          | П                                                |                                                  |                 |               |          |           |
|            | 9           | +        | ·        |                                                  |                                                  | П               | T        | T        |          |        |             | 59       |                 | П           |          |                                   |                  |                 |          | 109      |                                                  |          |                                                  |                                                  |                 |               |          |           |
|            | 10          | 1        |          |                                                  |                                                  |                 |          |          |          | ]      |             | 60       |                 |             |          |                                   |                  |                 |          | 110      |                                                  |          | Γ                                                |                                                  |                 | T             | T        |           |
|            | 11          | П        |          |                                                  |                                                  |                 |          |          |          |        |             | 61       |                 | $\Box$      |          |                                   |                  |                 |          | 111      |                                                  |          | Γ                                                |                                                  |                 |               | J        |           |
|            | 12          | 1        | T        |                                                  |                                                  | П               | $\neg$   | $\neg$   |          | ]      |             | 62       |                 |             |          |                                   |                  |                 |          | 112      |                                                  |          | Г                                                |                                                  |                 |               |          |           |
|            | 13          | П        |          | П                                                |                                                  | П               | $\neg$   | $\neg$   | $\top$   | 1      |             | 63       |                 | $\top$      |          |                                   |                  |                 |          | 113      |                                                  |          |                                                  |                                                  |                 |               | $\neg$   | $\Box$    |
|            | 14          | П        | 1        |                                                  | Г                                                | П               | 一        | $\dashv$ |          | 1      |             | 64       |                 | $\Box$      |          | $\top$                            | 77               |                 |          | 114      | Г                                                |          |                                                  | П                                                | $\Box$          | •             | $\dashv$ | $\exists$ |
|            | 15          | П        | 1        |                                                  | Г                                                | П               | 寸        | $\neg$   |          | 1      |             | 65       |                 | T           |          | $\top$                            |                  | 1::::           |          | 115      |                                                  |          | 1                                                | П                                                |                 |               |          |           |
|            | 16          | П        |          |                                                  |                                                  | П               |          | 十        |          | 1      |             | 66       |                 | $\top \top$ |          | $\top$                            |                  | 7               |          | 116      |                                                  |          | 1                                                |                                                  |                 |               | 丁        | $\neg$    |
|            | 17          | П        | $\top$   |                                                  | T                                                | П               | 一        | $\dashv$ |          | 1      |             | 67       |                 | 17          | $\dashv$ | $\top$                            |                  | 7               |          | 117      |                                                  |          | T                                                | П                                                |                 | 一             | 十        |           |
|            | 18          | П        | T        | $\vdash$                                         | T                                                | П               | 寸        | 寸        |          | 1      |             | 68       |                 | $\top \top$ |          |                                   |                  | 7               |          | 118      |                                                  |          | 1                                                |                                                  |                 | 一             | 十        |           |
|            | 19          | Н        | †        | H                                                | T                                                | H               | _        | T        | +        | 1      |             | 69       |                 | $\top \top$ | $\neg$   | +                                 |                  | -               |          | 119      | Т                                                |          | 1                                                |                                                  | $\Box$          |               | $\dashv$ |           |
|            | 20          | Н        | 1        | 1                                                | T                                                | $\vdash$        | $\neg$   | _        |          | 1      | _           | 70       | _               | $\Box$      | $\neg$   | 1-1-                              | ++               | 7               |          | 120      | T                                                |          | $\top$                                           | Т                                                |                 | $\dashv$      | $\dashv$ | ヿ         |
|            | 21          | Н        | $\top$   | $\vdash$                                         |                                                  | $\vdash$        | ┪        | _        | _        | 1      |             | 71       |                 | $\vdash$    | $\dashv$ |                                   |                  |                 |          | 121      | H                                                |          |                                                  |                                                  |                 | $\neg$        | _        | ┪         |
|            | 22          | Н        | 1        | Г                                                | Т                                                | H               | $\neg$   |          |          | 1      |             | 72       |                 | +           | _        |                                   | -1-1-            | 7               |          | 122      |                                                  |          | 1                                                |                                                  |                 | $\neg$        | $\top$   | ヿ         |
|            | 23          | ۲,       | +        |                                                  | _                                                |                 | _        | 1        |          | 1      |             | 73       |                 |             |          |                                   |                  |                 |          | 123      | H                                                |          | T                                                |                                                  |                 | _             | 十        | ヿ         |
|            | 24          |          | +        |                                                  |                                                  |                 | 1        |          |          | 1      |             | 74       |                 |             |          |                                   |                  | ٦               |          | 124      |                                                  |          | 1                                                |                                                  | _               |               | $\top$   | ᅥ         |
|            | 25          | Т        | 1        | T                                                |                                                  | Н               | T        | +        |          | 1      |             | 75       |                 | Ħ           | 1        | T                                 | 11               | 7               |          | 125      |                                                  |          | 1                                                |                                                  | $\dashv$        | 一十            | 十        | ┪         |
|            | 26          | T        |          | $\vdash$                                         |                                                  | Н               | $\dashv$ | _        |          | 1      | $\vdash$    | 76       |                 | $\Box$      |          | 11                                | ++               | <b>∃</b>        |          | 126      | _                                                |          | <del>                                     </del> | Н                                                | $\dashv$        |               | ┪        | ᅥ         |
|            | 27          | -        | 1        | T                                                | t                                                | П               | 7        | 7        |          | 1      |             | 77       | H               | $\Box$      |          |                                   | 1                | <b>-</b>  ::::: |          | 127      |                                                  |          | 1                                                |                                                  |                 |               | 十        | ┪         |
|            | 28          | T        |          |                                                  |                                                  | Н               | T        | T        | 1.       | 1      | $\vdash$    | 78       | $\vdash$        |             | 1        |                                   |                  | 7::::           |          | 128      | _                                                |          | †                                                | $\vdash$                                         | Н               | $\dashv$      | 寸        | ┪         |
|            | 29          | T        |          | $\vdash$                                         | T                                                | Н               | $\dashv$ | +        | Ť        | 1      | $\vdash$    | 79       | $\vdash$        | $\top$      | $\top$   | +                                 | $\top$           | ,               |          | 129      | _                                                | $\vdash$ | †                                                | $\vdash$                                         | $\Box$          | $\neg \vdash$ | 7        | ┪         |
| _          | 30          | _        | +        | $\vdash$                                         | $\vdash$                                         | Н               | 7        | $\dashv$ |          | 1      | $\vdash$    | 80       | $\vdash$        | $\top$      | $\top$   | +                                 |                  | 71111           |          | 130      | $\vdash$                                         |          | +                                                | 1                                                |                 | _             | ┪        | ┪         |
|            | 31          | -        |          |                                                  |                                                  |                 |          |          |          | 1      |             | 81       |                 | 1           | -        |                                   | -1-1-            | ٦.,             |          | 131      | H                                                |          | $\dagger$                                        |                                                  |                 | $\dashv$      | 十        |           |
|            | 32          |          | +        |                                                  |                                                  | $\vdash$        | $\dashv$ | +        | +        | 1      |             | 82       |                 | + +         |          | + +                               |                  | <b>-</b>        | -        | 132      | Н                                                |          | +-                                               | т                                                | $\vdash$        | -+            | $\dashv$ | $\dashv$  |
| <b></b>    | 33          | Н        | t        |                                                  | T                                                | H               | $\dashv$ | $\dashv$ | +        | 1      |             | 83       | $\vdash$        | 1 1         | +        | +                                 | ++               | -               |          | 133      |                                                  |          | T                                                | Т                                                | H               | _             | $\dashv$ | ᅱ         |
|            | 34          | Г        | †        |                                                  |                                                  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | 1      |             | 84       | $\vdash$        | 1 1         | +        | +                                 | ++               | 7               | <u> </u> | 134      |                                                  |          | T                                                | П                                                | $\vdash$        | $\dashv$      | $\dashv$ | ᅱ         |
|            | 35          | Н        | T        | $\vdash$                                         | T                                                | H               | $\dashv$ | $\dashv$ | $\top$   | 1      | $\vdash$    | 85       | $\vdash$        | +           | +        | +                                 | <del> - -</del>  | 7               |          | 135      | $\vdash$                                         | $\vdash$ | T                                                | $\vdash$                                         | $\vdash$        | $\dashv$      | $\dashv$ | ᅱ         |
| $\vdash$   | 36          | $\vdash$ | +        | <del>                                     </del> | $\vdash$                                         | $\vdash$        | $\dashv$ | $\dashv$ | +        | 1      | _           | 86       | $\vdash$        | + +         | _        | ++                                |                  | 1               |          | 136      | $\vdash$                                         |          | †-                                               |                                                  | H               | $\dashv$      | $\dashv$ | $\dashv$  |
| <b></b>    | 37          | $\vdash$ | +        | $\vdash$                                         | $\vdash$                                         | $\vdash$        | $\dashv$ | $\dashv$ | +-       | 1      | <del></del> | 87       | $\vdash \vdash$ | + +         | +        | ++                                | ++               | -               |          | 137      | _                                                |          | T                                                | $\vdash$                                         | $\vdash \vdash$ | $\dashv$      | $\dashv$ | $\dashv$  |
| <b></b>    | 38          | Т        | $t^{-}$  |                                                  | $\vdash$                                         | ┥               | $\dashv$ | $\dashv$ |          | 1      | <u> </u>    | 88       | _               | + +         | +        | +                                 | +                | ٦               |          | 138      |                                                  | $\vdash$ | T                                                | $\vdash$                                         | $\vdash \vdash$ | $\dashv$      | $\dashv$ | $\dashv$  |
| <b></b>    | 39          | -        | $t^{-}$  |                                                  | T                                                | $\vdash$        | $\dashv$ | $\dashv$ | +-       | 1      | $\vdash$    | 89       | $\vdash$        | +           | +        | +                                 | + +              | 1               |          | 139      |                                                  |          | †                                                | $\vdash$                                         | H               | $\dashv$      |          | $\dashv$  |
| <b>—</b> — | 40          | -        | +        |                                                  | $\vdash$                                         | $\vdash$        | $\dashv$ | 十        | +        | 1      | $\vdash$    | 90       | $\vdash$        | +           | +        | + +                               | ++               | -               | -        | 140      | <del>                                     </del> |          | +                                                |                                                  | H               | $\dashv$      | $\dashv$ | ᅱ         |
|            | 41          | $\vdash$ | +        | $\vdash$                                         | $\vdash$                                         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | 1      | <b></b>     | 91       | $\vdash$        | + +         | $\dashv$ | + +                               | ++               | ۱               |          | 141      | $\vdash$                                         |          | +-                                               | <del>                                     </del> | H               | $\dashv$      | $\dashv$ | ᅥ         |
| -          | 42          | ┢        | +        | <del>                                     </del> | <del>                                     </del> | ┤┤              | $\dashv$ | $\dashv$ | $\dashv$ | 1      |             | 92       |                 | ++          | +        | +                                 | <del>-  -</del>  | -               |          | 142      | -                                                |          | +                                                | <u> </u>                                         | H               | $\dashv$      | +        | ㅓ         |
|            | 43          | $\vdash$ | ╁        | <del>                                     </del> | $\vdash$                                         |                 | $\dashv$ | $\dashv$ | $\dashv$ | 1      | $\vdash$    | 93       | $\vdash$        | + +         | $\dashv$ | ++                                | <del>   </del>   | -               | _        | 143      | <b>-</b>                                         | $\vdash$ | +-                                               | $\vdash$                                         | H               | $\dashv$      | +        | ᅱ         |
| _          | 44          | $\vdash$ | +        | <del>                                     </del> | +                                                | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | 1      | <b></b>     | 94       |                 | +-          | -        | ++                                | +                | -               |          | 144      | $\vdash$                                         |          | +-                                               | -                                                | $\vdash \vdash$ | $\dashv$      | $\dashv$ | $\dashv$  |
| $\vdash$   | 45          | $\vdash$ | +-       | <del> </del>                                     | <del> </del>                                     | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | 1      |             | 95       |                 | +-          | +        | +                                 | +                | -               |          | 145      | $\vdash$                                         |          | +                                                | +                                                | $\vdash\vdash$  | $\dashv$      | $\dashv$ | $\dashv$  |
|            | 46          | $\vdash$ | ╁╴       | ╁                                                | ╁                                                | $\vdash \vdash$ | -+       | +        | $\dashv$ | 1      | $\vdash$    | 96       |                 | +-1         | $\dashv$ | ++                                | ++               | -               |          | 146      | $\vdash$                                         |          | ╁╌                                               |                                                  | ${\mathbb H}$   | $\dashv$      | $\dashv$ | ᅱ         |
|            | 47          | -        | +        | -                                                | $\vdash$                                         | $\vdash$        | $\dashv$ | $\dashv$ | +        | 1      |             | 97       | $\vdash$        | + +         | +        | ++                                | <del>- - -</del> | -               |          | 147      | $\vdash$                                         | -        | +                                                | $\vdash$                                         | $\vdash \vdash$ | +             | $\dashv$ | $\dashv$  |
|            | 48          | -        | +        | ├-                                               | $\vdash$                                         | $\vdash \vdash$ | $\dashv$ | -+       | +        | 1      | $\vdash$    | 98       | $\vdash$        | ++          | +        | +-+                               | ++               | -               |          | 148      | -                                                | $\vdash$ | +                                                | $\vdash$                                         | $\vdash \vdash$ | +             | $\dashv$ | $\dashv$  |
|            | 49          | $\vdash$ | +        |                                                  | $\vdash$                                         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | 1      |             | 99       | $\vdash$        | ++          | +        | +-+                               | <del>- - -</del> | -               |          | 149      | $\vdash$                                         |          | ╁                                                |                                                  |                 | +             | +        | $\dashv$  |
|            | 50          | $\vdash$ | +        | $\vdash$                                         | $\vdash$                                         | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$ | 1      | $\vdash$    | 100      | $\vdash$        | +           | +        | +                                 | ++               | -               |          | 150      | $\vdash$                                         | +        | +                                                | $\vdash$                                         | $\vdash$        | $\dashv$      | +        | ᅱ         |
|            | JU          |          | <u> </u> | L                                                | <u> </u>                                         |                 |          | L        |          | 1::::: | L           | 100      |                 |             |          |                                   |                  | :::::           |          | 1 100    | Ц.                                               |          | 1                                                | 1                                                | ш               |               |          |           |